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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/425,118

10/22/1999

ROSWELL R. ROBERTS III

1010/12571US

9111

7590

02/07/2006

JOSEPH M BARICH
MCANDREWS HELD & MALLOY LTD
500 W MADISON STREET 34TH FLOOR
CHICAGO, IL 60661

EXAMINER

LEE, CHI HO A

ART UNIT

PAPER NUMBER

2663

DATE MAILED: 02/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/425,118	ROBERTS ET AL.	
	Examiner	Art Unit	
	Andrew Lee	2663	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 October 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-18, 20-25 and 40-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-18, 20-25 and 40-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 2-9, 11 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 2, line 7, it is unclear what is meant by "at least some of said signals".

Applicant is request to reference the specifications so mete and bound can be determined. Same reasoning for claim 11.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 2, 7-11, 16-18, 41 and 42 are rejected under 35 U.S.C. 102(e) as being anticipated by El-Rafie U.S. Patent Number 6,968,394.

Re Claims 2, 41, fig. 3 teaches a device 2 that includes a satellite card (a downlink receiver) for receiving signal from a satellite 6, wherein the 2 includes both satellite receiver and the TCP/IP function (See fig. 7B: router); further teaches a

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Storage Hard Disk/DVD for storing signals as files from link 18 to be later further transmission; further includes LAN (Ethernet transceiver) for transmitting signals (See col. 8, lines 8-25).

Re Claims 7, 9, 16, 18, fig. 3 further teaches application (a confirmation web client; a command processor) for sending confirmation to a corporate LAN (a remote location) to be later displayed at the LAN PC.

Re Claims 8, 17, fig. 3 further includes a unified driver for combining audio signals from PSTN and DVD.

Re Claim 10, refer to Claim 2, wherein 2 is a single product.

Re Claim 11, refer to Claim 2, 18 is a satellite transmitting signal; the receive signals are TCP/IP packets.

Re Claim 42, refer to Claim 2, wherein the 2 (integrated satellite receiver and router) shares the LAN connection to a backplane in corporate LAN, wherein the LAN inherently includes a backplane in Ethernet/PC terminal.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 3-6, 8, 12-15, 20-25, 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over El-Rafie U.S. Patent Number 6,968,394.

Re Claims 3, 12, 23, 25, El-Rafie fails to teach a multicast processor in server 2. Fig. 7D teaches a Multicast Server (a multicasting processor) Transmitter 70 for multicasting the stored signals. One skilled in the art would have been motivated to include the Multicast processor of the server into the terminal of 2 to provide multicasting function to the corporate LAN.

Re Claims 4, 5, 14-15, 20, 24, El-Rafie fails to teach Http/DNS servers in server proxy server 2. Fig. 7D teaches Web Server (Http server) and DNS server. One skilled in the art would have been motivated to include the Web server into the server 2 to enable web browsing for the corporate LAN and Internet connectivity.

Re Claim 6, refer to Claim 2, one skilled in the art would have been motivated to include DHCP processor to support dial up connections to the Internet.

Re Claims 21, 22, refer to Claim 20, El-Rafie fails to teach a flash memory for storage in server 2. One skilled in the art would have motivated to a flash memory due to its commercial availability.

Re Claim 40, refer to Claim 1, El-Rafie fails to teach that the in server 2 "does not include a satellite transmitter". Fig. 3 explicitly teaches transmitting the received satellites signal via LAN or 12 but does not explicitly teach transmitting to the satellite is required. One skilled in the art would have been motivated to not have a satellite transmitter in server 2 to minimize cost.

Re Claim 42, refer to Claim 1, El-Rafie fails to teach that the in server 2 in a single connection to a backplane. Fig. 3 explicitly teaches transmitting the received satellites signal via LAN or 12 but does not explicitly teach transmitting to the satellite is

required. One skilled in the art would have been motivated to not have a satellite transmitter in server 2 to minimize cost.

Response to Arguments

7. Applicant's arguments with respect to claims 2-18, 20-25 and 40-42 have been considered but are moot in view of the new ground(s) of rejection.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Lee whose telephone number is 571-272-3130. The examiner can normally be reached on Monday to Friday from 8:30AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on 571-272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AI

ANDREW C. LEE
PRIMARY PATENT EXAMINER

